

CLAIMS

We claim:

1. A method comprising:

- 5 (a) deforming on a housing in a cash dispensing automated banking machine,
a resilient tab portion, wherein the tab portion is in rotatable supporting
connection with a first end of a picking shaft of a picking member,
wherein rotation of the picking member is operative to separate end notes
bounding a stack of notes generally one at a time from the stack in the
10 machine;
- (b) operatively engaging a second end of the picking shaft of the picking
member opposed of the first end, with a rotatable drive shaft, wherein the
resilient tab portion axially biases the picking member shaft to maintain
engagement with the drive shaft.

15 2. The method according to claim 1 and further comprising:

- (c) biasing a stripping member toward a central disk portion supported on the
picking shaft, by operatively engaging the stripping member and a first

leaf spring portion integrally formed on the housing, wherein the stripping member is generally operative to prevent all but an end note bounding a stack from being moved from the stack through engagement with the picking member.

5 3. The method according to claim 2 and further comprising:

(d) biasing a carry away roll toward the central disk portion by operatively engaging the carry away roll and a second leaf spring portion integrally formed on the housing, wherein the carry away roll is operative to move notes picked from the stack in engagement with the carry away roll

10 between the central disk portion and the carry away roll.

4. The method according to claim 3 wherein in (a) the picking member comprises the central disk portion and a first outboard disk portion supported on the picking shaft and disposed on a first transverse side of the central disk portion, and a second outboard disk portion supported on the picking shaft and disposed on a second transverse side of the central disk portion opposed of the first transverse side.

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5. The method according to claim 4 wherein in (a) the central disk portion of the picking member includes a high friction arcuate segment, the high friction arcuate segment including a leading area adapted to move a leading edge area of a note engaged therewith

between the leading area and the stripping member, and a projecting portion transversely disposed of the leading area, the projecting portion being operative to prevent deformation of the leading edge area.

- 5 6. The method according to claim 5 wherein the picking member in (a) includes the projecting portion, and wherein the projecting portion ceases to extend radially outward beyond the high friction arcuate segment in a termination area, and wherein the first outboard disk portion and second outboard disk portion each include a high friction arcuate segment generally aligned transversely with the termination area.
- 10 7. The method according to claim 5 wherein (b) includes an interengaging projection and recess each operatively associated with one of the picking shaft and drive shaft.
8. The method according to claim 5 wherein the stripping member is supported on a stripping member support shaft, and wherein (c) includes operatively engaging the first leaf spring portion on the stripping member support shaft.
- 15 9. The method according to claim 8 wherein (c) includes extending the stripping member support shaft in a first slot in supporting connection with the housing.

10. The method according to claim 8 wherein the carry away roll is in supporting connection with a carry away roll shaft, and wherein (d) includes operatively engaging the second leaf spring portion in the carry away roll shaft.

11. The method according to claim 10 wherein (d) includes extending the carry away roll shaft in a second slot in supporting connection with the housing.

12. The method according to claim 11 wherein in (c) the stripping member is positioned so as to be adjacent but transversely disposed from the projecting portion when the picking member moves so the leading area and stripping member are in adjacent opposed relation so as to move a leading edge area of a note between the leading area and the stripping member.

13. The method according to claim 12 wherein in (d) the carry away roll is transversely disposed of both the stripping member and the projecting portion.

14. The method according to claim 13 and further comprising:

engaging the picking member with an end note bounding a stack of notes in the machine;

rotating the picking member, wherein the end note is separated from the stack by relative movement between the central disk portion and the stripping member.

15. The method according to claim 14 and further comprising:

rotating the carry away roll responsive to rotation of the central disk portion,
wherein the end note is moved between the carry away roll and the central disk
portion.

16. The method according to claim 15 and subsequent to step (d) further comprising:

receiving at least one input from the user through at least one input device of the
automated banking machine, and rotating the picking member responsive to the at
least one input.

17. The method according to claim 16 and further comprising delivering the end note from the machine to the user.